

In the Claims:

1-65. (Cancelled).

66. (Previously submitted and currently amended). A transportable concrete mixing plant (10) comprising a plurality of mixing plant components detachably connectable with each other; and a plurality of containers (C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13) for accommodating the mixing plant components during transportation, at least some of the containers (C1-C13) serving as load bearing structures for at least some of the mixing plant components and containers for concrete raw materials in an operational condition of the plant (10),

wherein the plurality of mixing plant components includes a plurality of mixers (12) provided in at least one mixer container (C2) for mixing of at least aggregates and binder;

wherein each mixer (12) is assigned a pilot silo (48) for storing ~~binder~~ aggregates and a binder hopper (24) for receiving at least one of the binders and aggregates from at least one silo container (C7, C8);

wherein the plurality of containers includes a plurality of metering-unit containers (C5) containing additives; and

wherein the mixing plant components include conveying means (42, 44, 46) for delivering additives from various metering-unit containers (C5) to respective mixers (12).

67. (Previously submitted). A transportable concrete mixing plant (10) according to Claim 66, wherein the containers (C1, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13) are formed as standard shipping containers for being transported in a standard way in accordance with international regulations by ship, rail and heavy goods vehicles.

68. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 66, wherein the containers (C1, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13) are adapted to be combined into standard shipping containers for being transported in a standard way in accordance with international regulations by ship, rail and heavy goods vehicles.

69. (Previously Submitted) A transportable concrete mixing plant (10) according to Claim 1, wherein at least some containers (C1, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13) have openable hatches (L1, L1a, L2, L2a, L3, L3a, L3b, L4, L4a, L5, L5a, L6, L7) for enabling the mixing plant components accommodated in various containers (C1, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13) to work together in the operational condition of the mixing plant (10).

70. (Previously Submitted) A transportable concrete mixing plant (10) according to Claim 66, wherein a wall of the at least one mixer container (C2), which is located above each mixer (12) in the operating condition of the mixing plant (10), has an openable hatch (L2).

71. (Previously Submitted) A transportable concrete mixing plant (10) according to Claim 70, wherein the plurality of containers comprises at least one stackable mixer container (C3) mountable on the at least one mixer container (C2) and which contains loading means for introduction of at least one of the binders, aggregates, and additives into each mixer (12) through the openable hatches (L2) located above the mixers (12) and through openable hatches (L3) located in a bottom wall of the stackable mixer container (C3) opposite the hatches (L2) provided in the wall located above each mixer (12).

72. (Previously Submitted) A transportable concrete mixing plant (10) according to Claim 66, wherein the binder hopper (24) contains a balance.

73. A transportable concrete mixing plant (10) according to Claim 71, comprising binder conveying means (22) extendable through an openable hatch (L3a) provided in a wall of the stackable container (3) for delivering of at least one of binder and additive into the stackable mixer container (C3).

74. A transportable concrete mixing plant (10) according to Claim 73, wherein the binder conveying means (22) is formed as a feed screw.

75. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 71, wherein the plurality of mixers comprises at least two mixers (12), and wherein the mixing plant components comprise aggregate conveying means (56) having a change-over running direction for feeding the aggregates to the respective loading means associated with respective ones of the at least two mixers.

76. (Previously Submitted) A transportable concrete mixing plant (10) according to Claim 71, wherein the plurality of mixers comprises at least three mixers (12), wherein the aggregate conveying means (56) are movable to and fro over the loading means between a number of operating positions in which each end of the aggregate conveying means (56) is associated with respective loading means associated with respective ones of the at least three mixers.

77. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 75, wherein the aggregate conveying means (56) is formed as a conveyor belt.

78. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 71, wherein the conveying means (42, 44, 46) includes an

inclined conveying means (44) passing through at least one wall of the stackable mixer container (C3) through an openable hatch (L3b) for introducing aggregates into the stackable mixer container (C3).

79. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 78, wherein the inclined conveying means (44) is formed as a conveyor belt which, during transportation, is accommodated in a folded-up state in an inclined conveyor-belt container (C4).

80. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 71 wherein a bottom, in the operating condition of the mixing plant (10), wall of the at least one mixer container (C2) has, under each mixer (12), a hatch (L2a) which can be opened to remove concrete from the mixer container (C2).

81. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 80, wherein the mixer container (C2) is erectable on a standing surface of a mixer frame (52) which is dimensioned such that concrete can be discharged through the openable hatches (L2a).

82. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 80, wherein in the operating condition of the mixer plant, the at least one mixer container (C2) stands on an offloading container (C1) in a top wall

of which openable hatches (L1) are provided, opposite the openable hatches (L2a) in the bottom wall of the mixer container (C2).

83. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 82, wherein there is provided, in one end wall of the offloading container (C1), an openable hatch (L1a) for passing a concrete conveying device for conveying concrete which, during transportation, is accommodated completely in the offloading container (C1).

84. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 83, wherein the concrete conveying device comprises an upper concrete collecting belt (60) which in the operating condition of the mixing plant, is accommodated completely in the offloading container (C1), and a lower concrete conveyor belt (62) which passes through the openable hatch (L1a) in the end wall of the offloading container (C1).

85. (Previously submitted and currently amended). A transportable concrete mixing plant (10) according to Claim ~~84~~ 66, wherein each mixer (12) is assigned a silo container for concrete additive.

86. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 85, wherein each binder silo and additive silo container (C7, C8), respectively, stands upright on an end face thereof.

87. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 86, wherein there are provided at least two binder silo and additive silo containers (C7, C8) erected one of beside one another and on one another.

88. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 87, wherein at least two binder silo and additive silo containers (C7, C8) are fastened by transverse struts (28) to at least one of the stackable mixer container (C3), the mixer container (C2), the offloading container (C1), and the mixer frame (52) for purpose of stabilization.

89. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 85, wherein each silo container (C7) which is not standing on a further silo container (C7, C8), the offloading container (C1), and the mixer frame A(52), is fastened to a common baseplate (14).

90. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 87, wherein each silo container (C7) which is not standing on a further silo container (C7, C8) in the operating condition of the mixing plant (10), contains in a lower region thereof a hopper (16) an upper cross-section of which essentially corresponds to a cross-section of the silo container (C7) and which tapers downwards.

91. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 87, wherein each silo container (C7) which is not standing on a further silo container (C7, C8), has on an end face thereof, which is located at a bottom in the operating condition of the mixing plant (10), a concrete slab (26) for stabilization.

92. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 90, wherein in the operating condition of the mixing plant (10), one of binder and additive conveying means (18) is arranged underneath an opening of the hopper (16) and passes through a side wall of the silo container (C7) through an opened hatch (L7).

93. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 92, wherein one of the binder and additive conveying means (18) is formed as a feed screw.

94. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 92, wherein one of the binder and additive conveying means (18) cooperates with a vertical conveying means (20) which runs essentially one of vertically and obliquely upwards on an outer wall of the silo container (C7) in such a way that it can transfer one of binder and additive to the silo container (C7) for an onward conveyance.

95. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 94, wherein one of the vertically and obliquely running conveying means (20) is formed as a feed screw.

96. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 94, wherein the one of the vertically and obliquely running conveying means (20) cooperates with one of the binder and additive conveying means (22), which runs partly in the at least one stackable mixer container (C3) in such a way that it transfers one of binder and additive to the stackable mixer container (C3) for an onward conveyance.

97. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 85, wherein ladders (30) and safety railings (32) are provided on an outside of the silo containers (C7, C8) which, during transportation, are accommodated in the silo container (C7, C8).

98. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 85, wherein at least one of a concrete finisher (64) and a working platform are accommodated, during transportation, in the silo container (C7, C8).

99. (Amended). A transportable concrete mixing plant (10) according to Claim 66, wherein each metering-unit container (C5) contains a metering device (34) for metering the additives.

100. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 99, wherein the metering device (34) has at least one weighting conveyor belt (34a) for weighing and transporting the additives, and at least one loading means (34b) associated with the weighing conveyor belt (34a).

101. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 100, wherein each loading means (34b) is formed by a hopper which is arranged above the weighting conveyor belt (34), which tapers downwards, and upwards, opens wide towards an openable hatch (L5) in a side wall of the metering unit container (C5).

102. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 101, wherein each metering-unit container (C5) cooperates with a stackable metering container (C6) of essentially a same length, whose halves, when operating, are placed beside each other and parallel to the metering-unit container (C5) oriented with respect to the stackable metering container (C6), and which, with aid of a baffle-plate device and openable hatches (L5, L6) in an upper wall of the metering-unit container (C5) and in the lower side wall of each

half of the stackable metering container (C6), enlarge an effective upper filling cross-section of each hopper (34b) in the metering-unit container (C5).

103. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 102, wherein the baffle-plate device comprises baffle plates (36) which are permanently arranged in the stackable metering container (C6) and run obliquely and which, in the operating condition of the mixing plant (10), lengthen walls of each hopper (34b) in the metering-unit container (C5) upwards into the halves of the stackable metering container (C6).

104. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 103, wherein the baffle-plate device further comprises further baffle plates (38) which are rotatably mounted essentially at corners of the halves of the of the stackable metering container (C6) and, in the operating condition of the mixing plant (10), are folded out of the stackable metering container (C6) in such a way that they enlarge the opening of the hopper (34b) at the top.

105. (Previously submitted and currently amended). A transportable concrete mixing plant (10) according to Claim 100, wherein the conveying means (42) runs underneath the at least one weighting conveyor belt (34a), parallel thereto, and is displaceable in a longitudinal direction, partly out of the metering-

unit container (C5), through an openable hatch (L5a) in an end face of the metering-unit container (C5).

106. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 105, wherein the conveying means (42) is formed as a conveyor belt.

107. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 105, wherein an end of the feed conveying means (42) which, in the operating condition of the mixing plant (10), is located outside the metering-unit container (C5), is arranged above the inclined conveying means (44) for feeding aggregates to the stackable mixer container (C3).

108. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 66, wherein the plurality of containers comprises an additive container (C9) to accommodate concrete additives.

109. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 66, wherein the plurality of containers comprises a control-station container (C10), in which a control station for controlling the components of the concrete mixing plant (10) is accommodated.

110. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 66, wherein the plurality of containers comprises a water container (C11).

111. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 66, comprising covering, insulation, partitioning, warming, and heating means for individual mixing plant components, including the at least one mixer container (C2), a stackable mixer container (C3), conveyor belts (34a, 44, 56, 62), the metering-unit containers (C5), additive container (C9) and water container (C11), whereby a mixing operation becomes possible even at an ambient temperatures below 0°C.

112. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 66, wherein the mixing plant components include a compressed-air conveying device (66), for conveying by pressure from at least one silo container (C7).

113. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 112, wherein the pressure conveying device (66) comprises a collecting vessel (68) with a compressor (70) and a delivery hose (72) connected to the collecting vessel (68).

114. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 71, wherein the plurality of containers includes at least one intermediate binder container (C12) for intermediate storage of binder, which is erected on the at least one stackable mixer container (C3).

115. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 114, wherein a delivery hose (72) opens into the at least one intermediate binder container (C12).

116. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 114, wherein the at least one intermediate binder container (C12) contains a hopper (74), which opens into a rotary feeder (76) which is arranged above the binder hopper (24) in the stackable mixer container (C3).

117. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 113, wherein the collecting vessel (68) and the compressor (70) are arranged in a lower region of the silo container (C7).

118. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 66, wherein the plurality of containers includes at least one of binder silo containers and additive silo containers (C13) which, in the operating condition of the mixing plant (10), are stacked on one another and parallel to one another with essentially horizontal orientation.

119. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 118, wherein the at least one of binder silo containers and the additive silo containers (C13) each have removable bottom and top surfaces.

120. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 118, wherein the plurality of containers includes a final silo container (C13A) which can essentially be divided into two halves (C13A1, C13A2) which, in the operating condition of the mixing plant (10), form lowest (C13A1) and uppermost (C13A2) containers of a group of silo containers (C13) stacked on one another and parallel to one another.

121. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 71, comprising at least one intermediate binder vessel (84) for the intermediate storage of binder and arranged in the at least one stackable mixer container (C3).

122. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 126, comprising binder delivery means (86) arranged in the at least one stackable mixer container (C3) for delivering binder from the at least one intermediate binder vessel (84) into the binder hopper (24).

123. (Previously Submitted). A transportable concrete mixing plant (10) according to Claim 69, wherein in the operating condition of the mixing plant (10)

the mixer container (C2) is set up on its ends on at least one other container (C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13) in such a way that concrete can be let out through the openable hatches (L2a) for removing concrete from the mixer container (C2) into a heavy goods vehicle (54) provided under the mixer container (C2).